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PATENTS AND TRADEMARKS

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**(54) METHOD FOR COHERENT STAGGERED SIGNAL TRANSMISSION**

FIELD: radio engineering; radio communication systems. SUBSTANCE: method includes generation of N staggering channels and N pilot signals on sending end; data signal is transmitted through all staggering channels and pilot signal is passed through respective staggering channels; on receiving end transfer functions of staggering channels are estimated using transmitted pilot signals; using estimates obtained data signal transmitted through each staggering channel is pre-distorted on sending end. EFFECT: enhanced efficiency of signal transmission at frequency-selective signal fading. 7 cl, 6 dwg